

# Food & Beverage



## Hose Selector Guide – by application

Series	Trademark	Hose Application / Construction / Selector Guide		Tube	Cover	Size Range (in)	Pressure Range (psi)	Temp Range (°F)	Page No.
SM382	HARVEST PLUS+	Non-fatty, non-oily foods	Crush resistant	Chlorobutyl	EPDM	1-1/2 - 4	200-250	-40 / +225	109
SP330	LIGHT-N-BRIGHT™	Non-fatty, non-oily foods	PVC external helix	Chlorobutyl	Synthetic rubber	2 - 4	150	-40 / +200	110
SP100			PVC banding coil	n/a	n/a	2 - 6	n/a	n/a	111
XSP100			PVC abrasion coil	n/a	n/a	2 - 6	n/a	n/a	111
SS200		Non-fatty, non-oily foods	Brewers hose, discharge only	Chlorobutyl	EPDM	1-1/2 - 4	350	-40 / +180	112
SS231		Dry foods	Abrasion resistant	Natural rubber	Natural rubber	2 - 6	110-200	-20 / +180	114
SS290		Fatty, oily foods	Discharge only	Nitrile	Natural rubber	1-1/2 - 4	250	-20 / +225	106
SW319		Dry foods	Hot air blower, high temp	EPDM	EPDM	1-1/4 - 3	150-250	-20 / +325 / +350	115
SW330		Non-fatty, non-oily foods		Chlorobutyl	EPDM	1 - 4	150	-40 / +225	107
SW373		Non-fatty, non-oily foods	Premium tube	FEP	EPDM	1/2 - 4	100-500	-40 / +300	118
SW383	EXACT-CHEM™	Dry foods		MXLPE	EPDM	1 - 6	150-200	-40 / +180	116
SW430		Fatty, oily foods		Nitrile	Nitrile	1-1/2 - 4	150	-20 / +225	103
SW431		Dry foods	Abrasion resistant	Natural rubber	Natural rubber	4 - 5	100	-20 / +180	113
SW574	TITANFLEX®	Non-fatty, non-oily foods	Premium tube	FEP	EPDM	3/4 - 4	200-400	-40 / +300	120
SW630		Non-fatty, non-oily foods		Chlorobutyl	EPDM	1-1/2 - 4	200	-40 / +225	108
SW640		Fatty, oily foods		Nitrile	Nitrile	1-1/2 - 4	200-250	-20 / +225	102
SWC430		Fatty, oily foods	Corrugated	Nitrile	Nitrile	2 - 6	100-150	-20 / +225	104
SWC432		Fatty, oily foods	Corrugated	Nitrile	Nitrile	2 - 4	100-200	-20 / +225	105
SWC693	TITANFLEX®	Non-fatty, non-oily foods	High pressure, high temp	UHMWPE	EPDM	1 - 4	200-250	-40 / +250	122

**NOTE:** This is a guide only. It is the responsibility of the end user to select and/or test the most appropriate product for the application. Refer to product pages for specific data. Contact Parker for additional information.

Due to continual product improvements, Parker reserves the right to alter specifications without prior notice.

# Hose Selector Guide – by industry standard

Industry Standards	FDA	PMO	USDA	3-A
Hose Series	SM382	SM382	SM382	SM382
	SP330	SP330	SP330	SP330
	SS200	SS200	SS200	SS200
	SS231	SS290	SS231	SS231
	SS290	SW319	SS290	SS290
	SW319	SW330	SW319	SW319
	SW330	SW430	SW330	SW330
	SW373	SW431	SW373	SW373
	SW383	SW630	SW383	SW383
	SW430	SW640	SW430	SW430
	SW431	SWC430	SW431	SW431
	SW574	SWC432	SW574	SW574
	SW630		SW630	SW630
	SW640		SW640	SW640
	SWC430		SWC430	SWC430
	SWC432		SWC432	SWC432
	SWC693		SWC693	SWC693

**NOTE:** This is a guide only. It is the responsibility of the end user to select and/or test the most appropriate product for the application. Refer to product pages for specific data. Contact Parker for additional information.



# TITANFLEX®

## Food Suction Hose

### Nitrile Tube

#### FDA, PMO, USDA, 3-A

#### Series SW640

Series SW640 is an extremely flexible, kink resistant suction and discharge hose designed to handle dry materials, fatty and oily foods, liquids, sanitary products and potable water in a variety of transfer applications. The hose is manufactured using polished stainless steel mandrels for an ultra-smooth, bacteria-free tube that will not impart taste or odor. The tube cleans easily with 10% alkali bath, hot water, or open-end low pressure steam to 15 psi (1.0 bar). The lightweight construction incorporates a dual wire helix that provides full suction capability, kink resistance and a path to conduct a static electrical charge to ground. The nitrile cover is resistant to abrasion and oil.

<b>Tube:</b>	White nitrile
<b>Reinforcement:</b>	Multiple textile plies with dual wire helix
<b>Cover:</b>	Gray nitrile; wrapped finish
<b>Temp. Range:</b>	-20°F to +225°F (-29°C to +107°C)
<b>Brand Method:</b>	Gray text on blue stripe
<b>Brand Example:</b>	PARKER SERIES SW640 TITANFLEX® NITRILE FOOD SUCTION MEETS FDA/3-A/USDA/PMO REQUIREMENTS (3-A LOGO) XXX PSI WP MADE IN USA
<b>Design Factor:</b>	4:1
<b>Industry Standards:</b>	FDA, PMO, USDA, 3-A
<b>Applications:</b>	<ul style="list-style-type: none"> <li>Fatty and oily foods, liquids, milk, potable water, sanitary products</li> <li>In-plant and tank transfer</li> <li>Delivery, transport</li> </ul>
<b>Vacuum:</b>	Full
<b>Packaging:</b>	Coils

Part Number	ID (in)	ID (mm)	Reinf Plies	OD (in)	OD (mm)	Approx Wt (lbs/ft)	Approx Wt (kg/ft)	Min Bend Rad (in)	Min Bend Rad (mm)	Max Rec WP (psi)	Max Rec WP (bar)	Perm Cplg Rec *	Std Pack Qty (ft)	Stock Status **
SW640-1500	1-1/2	38.1	2	2.000	50.8	0.95	0.43	5.0	127.0	250	17.2	*	100	N
SW640-2000	2	50.8	2	2.500	63.5	1.29	0.59	6.0	152.4	250	17.2	*	100	N
SW640-2500	2-1/2	63.5	2	3.000	76.2	1.58	0.72	7.0	177.8	200	13.8	*	100	N
SW640-3000	3	76.2	2	3.625	92.1	2.05	0.93	8.0	203.2	200	13.8	*	100	N
SW640-4000	4	101.6	2	4.688	119.1	3.14	1.42	11.0	279.4	200	13.8	*	100	N

\* **Couplings:** Refer to CrimpSource at [www.safehose.com](http://www.safehose.com) for coupling recommendations and crimp specifications.

\*\* **Stock:** "Y" indicates stocked item; "N" indicates non-stocked item. Stock status subject to change. Contact Parker Customer Service.

**⚠ WARNING!** Couplings attached with bands or clamps may reduce the working pressure of the hose assembly to less than the maximum rated working pressure of the hose. Refer to the [NAHAD Industrial Hose Assembly Guidelines](#).



# Food Suction Hose Nitrile Tube

## FDA, PMO, USDA, 3-A

### Series SW430

Series SW430 is a suction and discharge hose designed to handle fatty and oily foods, liquids, sanitary products and potable water in a variety of transfer applications. The hose is manufactured using polished stainless steel mandrels for an ultra-smooth, bacteria-free tube that will not impart taste or odor. The tube cleans easily with 10% alkali bath, hot water, or open-end low pressure steam to 15 psi (1.0 bar). The lightweight construction incorporates a dual wire helix that provides full suction capability, kink resistance and a path to conduct a static electrical charge to ground. The nitrile cover is resistant to abrasion and oil.

- Tube:** White nitrile
- Reinforcement:** Multiple textile plies with dual wire helix
- Cover:** Gray nitrile; wrapped finish
- Temp. Range:** -20°F to +225°F (-29°C to +107°C)
- Brand Method:** Gray text on blue stripe
- Brand Example:** PARKER SERIES SW430 FOOD GRADE SUCTION & DISCHARGE HOSE MEETS FDA/3-A/USDA/PMO REQUIREMENTS (3-A LOGO) 150 PSI WP MADE IN USA
  
- Design Factor:** 4:1
- Industry Standards:** FDA, PMO, USDA, 3-A
- Applications:**
  - Fatty and oily foods, liquids, milk, potable water, sanitary products
  - In-plant and tank transfer
  - Delivery, transport
  
- Vacuum:** Full
- Packaging:** Coils

Part Number	ID (in)	ID (mm)	Reinf Plies	OD (in)	OD (mm)	Approx Wt (lbs/ft)	Approx Wt (kg/ft)	Min Bend Rad (in)	Min Bend Rad (mm)	Max Rec WP (psi)	Max Rec WP (bar)	Perm Cplg Rec *	Std Pack Qty (ft)	Stock Status **
SW430-1500	1-1/2	38.1	2	2.125	54.0	1.01	0.46	6.0	152.4	150	10.3	*	100	Y
SW430-2000	2	50.8	2	2.625	66.7	1.41	0.64	7.0	177.8	150	10.3	*	100	Y
SW430-2500	2-1/2	63.5	2	3.188	81.0	1.89	0.86	8.0	203.2	150	10.3	*	100	N
SW430-3000	3	76.2	2	3.688	93.7	2.39	1.08	9.0	228.6	150	10.3	*	100	Y
SW430-4000	4	101.6	2	4.813	122.2	3.59	1.63	12.0	304.8	150	10.3	*	100	Y

\* **Couplings:** Refer to CrimpSource at [www.safehose.com](http://www.safehose.com) for coupling recommendations and crimp specifications.

\*\* **Stock:** "Y" indicates stocked item; "N" indicates non-stocked item. Stock status subject to change. Contact Parker Customer Service.

**⚠ WARNING!** Couplings attached with bands or clamps may reduce the working pressure of the hose assembly to less than the maximum rated working pressure of the hose. [Refer to the NAHAD Industrial Hose Assembly Guidelines.](#)



# Corrugated Food Suction Hose

## Nitrile Tube

### FDA, PMO, USDA, 3-A

#### Series SWC430

Series SWC430 is a flexible suction and discharge hose designed to handle fatty and oily foods, liquids, sanitary products and potable water in a variety of transfer applications. The hose is manufactured using polished stainless steel mandrels for an ultra-smooth, bacteria-free tube that will not impart taste or odor. The tube cleans easily with 10% alkali bath, hot water, or open-end low pressure steam to 15 psi (1.0 bar). The lightweight corrugated construction incorporates a dual wire helix that provides full suction capability, kink resistance and additional flexibility for ease of handling, and a path to conduct a static electrical charge to ground. The nitrile cover is resistant to abrasion and oil.

<b>Tube:</b>	White nitrile
<b>Reinforcement:</b>	Multiple textile plies with dual wire helix
<b>Cover:</b>	Gray nitrile; corrugated wrapped finish
<b>Temp. Range:</b>	-20°F to +225°F (-29°C to +107°C)
<b>Brand Method:</b>	Gray text on blue stripe
<b>Brand Example:</b>	PARKER SERIES SWC430 CORRUGATED FOOD GRADE SUCTION & DISCHARGE HOSE MEETS FDA/3-A/USDA/PMO REQUIREMENTS (3-A LOGO) XXX PSI WP MADE IN USA

**Design Factor:** 4:1

**Industry Standards:** FDA, PMO, USDA, 3-A

**Applications:**

- Fatty and oily foods, liquids, milk, potable water, sanitary products
- In-plant and tank transfer
- Delivery, transport

**Vacuum:** Full

**Packaging:** Coils

Part Number	ID (in)	ID (mm)	Reinf Plies	OD (in)	OD (mm)	Approx Wt (lbs/ft)	Approx Wt (kg/ft)	Min Bend Rad (in)	Min Bend Rad (mm)	Max Rec WP (psi)	Max Rec WP (bar)	Perm Cplg Rec *	Std Pack Qty (ft)	Stock Status **
SWC430-2000	2	50.8	2	2.625	66.7	1.46	0.66	5.0	127.0	150	10.3	*	100	N
SWC430-3000	3	76.2	2	3.688	93.7	2.39	1.08	6.0	152.4	150	10.3	*	100	N
SWC430-4000	4	101.6	2	4.813	122.2	3.68	1.67	8.0	203.2	150	10.3	*	100	N
SWC430-6000	6	152.4	2	6.750	171.5	5.86	2.66	12.0	304.8	100	6.9	*	100	N

\* **Couplings:** Refer to CrimpSource at [www.safehose.com](http://www.safehose.com) for coupling recommendations and crimp specifications.

\*\* **Stock:** "Y" indicates stocked item; "N" indicates non-stocked item. Stock status subject to change. Contact Parker Customer Service.

**WARNING!** Couplings attached with bands or clamps may reduce the working pressure of the hose assembly to less than the maximum rated working pressure of the hose. [Refer to the NAHAD Industrial Hose Assembly Guidelines.](#)



# Corrugated Food Suction Hose Nitrile Tube

**FDA, PMO, USDA, 3-A**

Series SWC432

Series SWC432 is an extremely flexible suction and discharge hose designed to handle fatty and oily foods, liquids, sanitary products and potable water in a variety of transfer applications. The hose is manufactured using polished stainless steel mandrels for an ultra-smooth, bacteria-free tube that will not impart taste or odor. The tube cleans easily with 10% alkali bath, hot water, or open-end low pressure steam to 15 psi (1.0 bar). The lightweight construction incorporates a dual wire helix that provides full suction capability, minimal force-to-bend, superior kink resistance, flexibility for ease of handling, and a path to conduct a static electrical charge to ground. The nitrile cover is resistant to abrasion and oil and features enhanced corrugations that allow easy, sanitary cleaning.

- Tube:** White nitrile
- Reinforcement:** Multiple textile plies with dual wire helix
- Cover:** Gray nitrile; enhanced corrugated wrapped finish
- Temp. Range:** -20°F to +225°F (-29°C to +107°C)
- Brand Method:** Gray text on blue stripe
- Brand Example:** PARKER SERIES SWC432 FOOD SUCTION MEETS FDA/3-A/USDA/PMO REQUIREMENTS (3-A LOGO) XXX PSI WP MADE IN USA
- Design Factor:** 4:1
- Industry Standards:** FDA, PMO, USDA, 3-A
- Applications:**
  - Fatty and oily foods, liquids, milk, potable water, sanitary products
  - In-plant and tank transfer
  - Delivery, transport
- Vacuum:** Full
- Packaging:** Coils

Part Number	ID (in)	ID (mm)	Reinf Plies	OD (in)	OD (mm)	Approx Wt (lbs/ft)	Approx Wt (kg/ft)	Min Bend Rad (in)	Min Bend Rad (mm)	Max Rec WP (psi)	Max Rec WP (bar)	Perm Cplg Rec *	Std Pack Qty (ft)	Stock Status **
SWC432-2000	2	50.8	2	2.594	65.9	1.33	0.60	5.0	127.0	200	13.8	*	100	Y
SWC432-3000	3	76.2	2	3.625	92.1	2.09	0.95	8.0	203.2	150	10.3	*	100	Y
SWC432-4000	4	101.6	2	4.688	119.1	3.11	1.41	10.0	254.0	100	6.9	*	100	N

\* **Couplings:** Refer to CrimpSource at [www.safehose.com](http://www.safehose.com) for coupling recommendations and crimp specifications.

\*\* **Stock:** "Y" indicates stocked item; "N" indicates non-stocked item. Stock status subject to change. Contact Parker Customer Service.

**⚠ WARNING!** Couplings attached with bands or clamps may reduce the working pressure of the hose assembly to less than the maximum rated working pressure of the hose. [Refer to the NAHAD Industrial Hose Assembly Guidelines.](#)



# Beverage and Potable Water Discharge Hose Nitrile Tube FDA, PMO, USDA, 3-A Series SS290

Series SS290 is a high pressure discharge hose designed to handle beverages, liquids and potable water in a variety of transfer applications. The hose is manufactured using polished stainless steel mandrels for an ultra-smooth, bacteria-free tube that will not impart taste or odor. The tube cleans easily with 10% alkali bath, hot water, or open-end low pressure steam to 15 psi (1.0 bar). The lightweight construction provides flexibility for ease of handling. The natural rubber cover is resistant to abrasion, mild chemicals and ozone.

**NOTE:** Do not for use in applications where a static charge may develop unless externally grounded.

<b>Tube:</b>	White nitrile
<b>Reinforcement:</b>	Multiple textile plies
<b>Cover:</b>	Gray natural rubber; wrapped finish
<b>Temp. Range:</b>	-20°F to +225°F (-29°C to +107°C)
<b>Brand Method:</b>	Gray text on blue stripe
<b>Brand Example:</b>	PARKER SERIES SS290 BEVERAGE & POTABLE WATER HOSE MEETS FDA/3-A/USDA/PMO REQUIREMENTS (3-A LOGO) 250 PSI WP MADE IN USA
<b>Design Factor:</b>	4:1
<b>Industry Standards:</b>	FDA, PMO, USDA, 3-A
<b>Applications:</b>	<ul style="list-style-type: none"> <li>• Beverages, liquids, milk, potable water</li> <li>• In-plant and tank transfer</li> <li>• Delivery, transport</li> </ul>
<b>Vacuum:</b>	Not recommended
<b>Packaging:</b>	Coils

Part Number	ID (in)	ID (mm)	Reinf Plies	OD (in)	OD (mm)	Approx Wt (lbs/ft)	Approx Wt (kg/ft)	Max Rec WP (psi)	Max Rec WP (bar)	Perm Cplg Rec *	Std Pack Qty (ft)	Stock Status **
SS290-1500	1-1/2	38.1	4	2.125	54.0	0.82	0.37	250	17.2	*	100	N
SS290-2000	2	50.8	4	2.625	66.7	1.10	0.50	250	17.2	*	100	N
SS290-2500	2-1/2	63.5	4	3.125	79.4	1.39	0.63	250	17.2	*	100	N
SS290-3000	3	76.2	4	3.625	92.1	1.64	0.74	250	17.2	*	100	N
SS290-4000	4	101.6	4	4.625	117.5	2.21	1.00	250	17.2	*	100	N

\* **Couplings:** Refer to CrimpSource at [www.safehose.com](http://www.safehose.com) for coupling recommendations and crimp specifications.

\*\* **Stock:** "Y" indicates stocked item; "N" indicates non-stocked item. Stock status subject to change. Contact Parker Customer Service.

**⚠ WARNING!** Couplings attached with bands or clamps may reduce the working pressure of the hose assembly to less than the maximum rated working pressure of the hose. Refer to the [NAHAD Industrial Hose Assembly Guidelines](#).





# Food Suction Hose Chlorobutyl Tube

## FDA, PMO, USDA, 3-A

### Series SW330

Series SW330 is a suction and discharge hose designed to handle non-fatty and non-oily foods, liquids, sanitary products and potable water in a variety of food transfer applications. The hose is manufactured using polished stainless steel mandrels for an ultra-smooth tube that will not impart taste or odor, and is resistant to bacteria and microbes. The lightweight construction incorporates a dual wire helix that provides full suction capability, kink resistance and a path to conduct a static electrical charge to ground. The EPDM cover is resistant to abrasion, mild chemicals and ozone.

- Tube:** White chlorobutyl
- Reinforcement:** Multiple textile plies with dual wire helix
- Cover:** Gray EPDM; wrapped finish
- Temp. Range:** -40°F to +225°F (-40°C to +107°C)
- Brand Method:** Gray text on blue stripe
- Brand Example:** PARKER SERIES SW330 SANITARY SUCTION & DISCHARGE HOSE MEETS FDA/3-A/USDA/PMO REQUIREMENTS (3-A LOGO) 150 PSI WP MADE IN USA
- Design Factor:** 4:1
- Industry Standards:** FDA, PMO, USDA, 3-A
- Applications:**
  - Non-fatty and non-oily foods, liquids, milk, potable water, sanitary products
  - In-plant and tank transfer
  - Delivery, transport
- Vacuum:** Full
- Packaging:** Coils

Part Number	ID (in)	ID (mm)	Reinf Plies	OD (in)	OD (mm)	Approx Wt (lbs/ft)	Approx Wt (kg/ft)	Min Bend Rad (in)	Min Bend Rad (mm)	Max Rec WP (psi)	Max Rec WP (bar)	Perm Cplg Rec *	Std Pack Qty (ft)	Stock Status **
SW330-1000	1	25.4	2	1.625	41.3	0.75	0.34	4.0	101.6	150	10.3	*	100	N
SW330-1500	1-1/2	38.1	2	2.188	55.6	1.05	0.48	6.0	152.4	150	10.3	*	100	N
SW330-2000	2	50.8	2	2.625	66.7	1.45	0.66	7.0	177.8	150	10.3	*	100	Y
SW330-2500	2-1/2	63.5	2	3.250	82.6	1.92	0.87	8.0	203.2	150	10.3	*	100	N
SW330-3000	3	76.2	2	3.750	95.3	2.47	1.12	9.0	228.6	150	10.3	*	100	Y
SW330-4000	4	101.6	2	4.750	120.7	3.25	1.47	12.0	304.8	150	10.3	*	100	N

\* **Couplings:** Refer to CrimpSource at [www.safehose.com](http://www.safehose.com) for coupling recommendations and crimp specifications.

\*\* **Stock:** "Y" indicates stocked item; "N" indicates non-stocked item. Stock status subject to change. Contact Parker Customer Service.

**⚠ WARNING!** Couplings attached with bands or clamps may reduce the working pressure of the hose assembly to less than the maximum rated working pressure of the hose. [Refer to the NAHAD Industrial Hose Assembly Guidelines.](#)



# TITANFLEX®

## Food Suction Hose

### Chlorobutyl Tube

#### FDA, PMO, USDA, 3-A

#### Series SW630

Series SW630 is a suction and discharge hose designed to handle non-fatty and non-oily foods, liquids, sanitary products and potable water in a variety of transfer applications. The hose is manufactured using polished stainless steel mandrels for an ultra-smooth tube that will not impart taste or odor, and is resistant to bacteria and microbes. The tube cleans easily with 10% alkali bath, hot water, or open-end low pressure steam to 15 psi (1.0 bar). The lightweight construction incorporates a dual wire helix that provides full suction capability, kink resistance and a path to conduct a static electrical charge to ground. The EPDM cover is resistant to abrasion, mild chemicals and ozone.

- Tube:** White chlorobutyl
- Reinforcement:** Multiple textile plies with dual wire helix
- Cover:** Gray EPDM; wrapped finish
- Temp. Range:** -40°F to +225°F (-40°C to +107°C)
- Brand Method:** Blue text on white stripe
- Brand Example:** PARKER SERIES SW630 TITANFLEX® CHLOROBUTYL FOOD SUCTION MEETS FDA/3-A/USDA/PMO REQUIREMENTS (3-A LOGO) 200 PSI WP MADE IN USA
  
- Design Factor:** 4:1
- Industry Standards:** FDA, PMO, USDA, 3-A
- Applications:**
  - Non-fatty and non-oily foods, liquids, milk, potable water, sanitary products
  - In-plant and tank transfer
  - Delivery, transport
  
- Vacuum:** Full
- Packaging:** Coils

Part Number	ID (in)	ID (mm)	Reinf Plies	OD (in)	OD (mm)	Approx Wt (lbs/ft)	Approx Wt (kg/ft)	Min Bend Rad (in)	Min Bend Rad (mm)	Max Rec WP (psi)	Max Rec WP (bar)	Perm Cplg Rec *	Std Pack Qty (ft)	Stock Status **
SW630-1500	1-1/2	38.1	2	2.125	54.0	0.98	0.44	4.5	114.3	200	13.8	*	100	Y
SW630-2000	2	50.8	2	2.641	67.1	1.37	0.62	6.0	152.4	200	13.8	*	100	Y
SW630-2500	2-1/2	63.5	2	3.156	80.2	1.77	0.80	7.5	190.5	200	13.8	*	100	N
SW630-3000	3	76.2	2	3.703	94.1	2.23	1.01	9.0	228.6	200	13.8	*	100	Y
SW630-4000	4	101.6	2	4.734	120.3	3.18	1.44	12.0	304.8	200	13.8	*	100	N

\* **Couplings:** Refer to CrimpSource at [www.safehose.com](http://www.safehose.com) for coupling recommendations and crimp specifications.

\*\* **Stock:** "Y" indicates stocked item; "N" indicates non-stocked item. Stock status subject to change. Contact Parker Customer Service.

**⚠ WARNING!** Couplings attached with bands or clamps may reduce the working pressure of the hose assembly to less than the maximum rated working pressure of the hose. [Refer to the NAHAD Industrial Hose Assembly Guidelines.](#)



# HARVEST PLUS™

## Food Suction Hose

### Chlorobutyl Tube – Crush Resistant

#### FDA, PMO, USDA, 3-A

#### Series SM382

Series SM382 is a suction and discharge hose designed to handle non-fatty and non-oily foods, liquids, sanitary products and potable water in a variety of transfer applications. The hose is manufactured using polished stainless steel mandrels for an ultra-smooth tube that will not impart taste or odor, and is resistant to bacteria and microbes. The lightweight construction incorporates a unique dual monofilament helix that provides full suction capability with superior crush and kink resistance—allowing the hose to return to its original shape—and flexibility for ease of handling. The dual static wires provide a path to conduct an electrical charge to ground. The EPDM cover is resistant to abrasion, mild chemicals and ozone.

**Tube:** White chlorobutyl  
**Reinforcement:** Multiple textile plies with dual monofilament helix and dual static wire  
**Cover:** Gray EPDM; wrapped finish  
**Temp. Range:** -40°F to +225°F (-40°C to +107°C)  
**Brand Method:** Purple text on yellow stripe  
**Brand Example:** PARKER SERIES SM382 HARVEST PLUS+ CRUSH RESISTANT FOOD/BEVERAGE/WINE SUCTION HOSE XXX PSI WP MEETS FDA/USDA/3-A REQUIREMENTS (3-A LOGO) MADE IN USA

**Design Factor:** 4:1

**Industry Standards:** FDA, PMO, USDA, 3-A

**Applications:**

- Non-fatty and non-oily foods, liquids, milk, potable water, sanitary products
- In-plant and tank transfer
- Delivery, transport

**Vacuum:** Full (1-1/2" ID through 3" ID); 15" Hg (4" ID)

**Packaging:** Coils

Part Number	ID (in)	ID (mm)	Reinf Plies	OD (in)	OD (mm)	Approx Wt (lbs/ft)	Approx Wt (kg/ft)	Min Bend Rad (in)	Min Bend Rad (mm)	Max Rec WP (psi)	Max Rec WP (bar)	Perm Cplg Rec *	Std Pack Qty (ft)	Stock Status **
SM382-1500	1-1/2	38.1	4	2.250	57.2	1.16	0.53	5.0	127.0	250	17.2	*	100	Y
SM382-2000	2	50.8	4	2.781	70.6	1.53	0.69	7.0	177.8	250	17.2	*	100	Y
SM382-2500	2-1/2	63.5	4	3.281	83.3	1.93	0.88	13.0	330.2	250	17.2	*	100	Y
SM382-3000	3	76.2	4	3.781	96.0	2.27	1.03	21.0	533.4	250	17.2	*	100	Y
SM382-4000	4	101.6	4	4.781	121.4	3.03	1.37	40.0	1016.0	200	13.8	*	100	Y

\* **Couplings:** Refer to CrimpSource at [www.safehose.com](http://www.safehose.com) for coupling recommendations and crimp specifications.

\*\* **Stock:** "Y" indicates stocked item; "N" indicates non-stocked item. Stock status subject to change. Contact Parker Customer Service.

**⚠ WARNING!** Couplings attached with bands or clamps may reduce the working pressure of the hose assembly to less than the maximum rated working pressure of the hose. Refer to the [NAHAD Industrial Hose Assembly Guidelines](#).



# LIGHT-N-BRIGHT™

## Food Suction Hose

### Chlorobutyl Tube – External PVC Helix

#### FDA, PMO, USDA, 3-A

#### Series SP330

Series SP330 is a suction and discharge hose designed to handle non-fatty and non-oily foods, liquids, sanitary products and potable water in a variety of transfer applications. The hose is manufactured using polished stainless steel mandrels for an ultra-smooth tube that will not impart taste or odor, and is resistant to bacteria and microbes. Series SP330 features a lightweight construction with an external PVC helix for full suction capability, superior flexibility and resistance to abrasion, crushing and kinking.

- Tube:** White chlorobutyl
- Reinforcement:** Multiple textile plies (with dual wire helix, 3" and 4" ID only)
- Cover:** Red synthetic rubber with external gray PVC helix
- Temp. Range:** -40°F to +200°F (-40°C to +93°C)
- Brand Method:** Not branded
- Design Factor:** 4:1
- Industry Standards:** FDA, PMO, USDA, 3-A
- Applications:**
  - Non-fatty and non-oily foods, liquids, milk, potable water, sanitary products
  - In-plant and tank transfer
  - Delivery, transport
- Vacuum:** Full
- Packaging:** Coils
- Couplings:** Requires SP100 banding coils.

Part Number	ID (in)	ID (mm)	Reinf Plies	OD (in)	OD (mm)	Approx Wt (lbs/ft)	Approx Wt (kg/ft)	Min Bend Rad (in)	Min Bend Rad (mm)	Max Rec WP (psi)	Max Rec WP (bar)	Perm Cplg Rec *	Std Pack Qty (ft)	Stock Status **
SP330-2000	2	50.8	2	3.000	76.2	1.39	0.63	2.0	50.8	100	7.0	*	100	Y
SP330-2500	2-1/2	63.5	2	3.500	88.9	1.73	0.78	3.0	76.2	100	7.0	*	100	Y
SP330-3000	3	76.2	2	4.000	101.6	2.48	1.12	4.0	101.6	100	7.0	*	100	Y
SP330-4000	4	101.6	2	5.000	127.0	3.53	1.60	6.0	152.4	100	7.0	*	100	N

\* **Couplings:** Refer to CrimpSource at [www.safehose.com](http://www.safehose.com) for coupling recommendations and crimp specifications.

\*\* **Stock:** "Y" indicates stocked item; "N" indicates non-stocked item. Stock status subject to change. Contact Parker Customer Service.



# Orange PVC Banding Coil / PVC Abrasion Coil

## Series SP100 / XSP100

Series SP100 is a rugged PVC coil that threads onto a complementary hose end to create a uniform banding area for coupling attachment. The coil fills the gaps between the loops of the outer PVC helix of the hose, providing an area for securing the banding clamp or ferrule. Series XSP100 threads onto the entire length of a complementary hose to protect it from abrasion and scuffs, helping to extend hose life in highly abrasive areas. Series SP100 and XSP100 are applied to Parker SP204, SP330, SP353 and SP483 hoses.

### SP100

Part Number	Hose ID (in)	Hose ID (mm)	Approx Wt (lbs/ft)	Approx Wt (kg/ft)	Turns	Stock Status **
SP100-2000	2	50.8	0.19	0.09	8	Y
SP100-3000	3	76.2	0.33	0.15	10	Y
SP100-4000	4	101.6	0.46	0.21	10	Y
SP100-6000	6	152.4	1.02	0.46	16	Y

\*\* Stock: "Y" indicates stocked item; "N" indicates non-stocked item. Stock status subject to change. Contact Parker Customer Service.

Optional Colors: Gray, Green, Red, Sand Matte. Specify when ordering.

Other colors available:

- Gray
- Green
- Red
- Sand Matte

### XSP100

Part Number	Hose ID (in)	Hose ID (mm)	Approx Wt (lbs/ft)	Approx Wt (kg/ft)	Ft.	Stock Status **
XSP100-2000	2	50.8	0.19	0.09	100	N
XSP100-3000	3	76.2	0.33	0.15	100	N
XSP100-4000	4	101.6	0.46	0.21	100	N
XSP100-6000	6	152.4	1.02	0.46	100	N

\*\* Stock: "Y" indicates stocked item; "N" indicates non-stocked item. Stock status subject to change. Contact Parker Customer Service.

Optional Colors: Gray, Green, Red, Sand Matte. Specify when ordering.



# Brewers Discharge Hose

## Chlorobutyl Tube

### FDA, PMO, USDA, 3-A

#### Series SS200

Series SS200 is a discharge hose designed to handle beer, non-fatty and non-oily foods, liquids and potable water in brewery and winery transfer applications. The hose is manufactured using polished stainless steel mandrels for an ultra-smooth tube that will not impart taste or odor, and is resistant to bacteria and microbes. The EPDM cover is resistant to abrasion, mild chemicals and ozone.

**NOTES:**

- Do not use in applications where a static charge may develop unless externally grounded.
- Capped ends available upon request.

<b>Tube:</b>	White chlorobutyl
<b>Reinforcement:</b>	Multiple textile plies
<b>Cover:</b>	Orange EPDM; wrapped finish
<b>Temp. Range:</b>	-40°F to +180°F (-40°C to +82°C)
<b>Brand Method:</b>	Orange text on purple stripe
<b>Brand Example:</b>	PARKER SERIES SS200 BREWERS HOSE MEETS FDA/3-A/USDA/PMO REQUIREMENTS (3-A LOGO) 350 PSI WP MADE IN USA
<b>Design Factor:</b>	4:1
<b>Industry Standards:</b>	FDA, PMO, USDA, 3-A
<b>Applications:</b>	<ul style="list-style-type: none"> <li>• Beer, liquids, milk, non-fatty and non-oily foods, potable water, sanitary products, wine</li> <li>• In-plant and tank transfer</li> <li>• Delivery, transport</li> </ul>
<b>Vacuum:</b>	Not recommended
<b>Packaging:</b>	Coils

Part Number	ID (in)	ID (mm)	Reinf Plies	OD (in)	OD (mm)	Approx Wt (lbs/ft)	Approx Wt (kg/ft)	Max Rec WP (psi)	Max Rec WP (bar)	Perm Cplg Rec *	Std Pack Qty (ft)	Stock Status **
SS200-1500	1-1/2	38.1	4	2.375	60.3	1.33	0.60	350	24.1	*	100	Y
SS200-2000	2	50.8	6	3.000	76.2	1.91	0.87	350	24.1	*	100	N
SS200-2500	2-1/2	63.5	6	3.500	88.9	2.32	1.05	350	24.1	*	100	N
SS200-3000	3	76.2	6	4.125	104.8	3.05	1.38	350	24.1	*	100	N
SS200-4000	4	101.6	6	5.125	130.2	3.87	1.76	350	24.1	*	100	N

\* **Couplings:** Refer to CrimpSource at [www.safehose.com](http://www.safehose.com) for coupling recommendations and crimp specifications.

\*\* **Stock:** "Y" indicates stocked item; "N" indicates non-stocked item. Stock status subject to change. Contact Parker Customer Service.

**⚠ WARNING!** Couplings attached with bands or clamps may reduce the working pressure of the hose assembly to less than the maximum rated working pressure of the hose. [Refer to the NAHAD Industrial Hose Assembly Guidelines.](#)



# Flour Hose

## 3/16" Natural Rubber Tube

### FDA, PMO, USDA, 3-A

#### Series SW431

Series SW431 is a low pressure suction and discharge hose designed to handle dry abrasive materials such as flour, grains, granules, pellets and powders; non-fatty and non-oily foods, liquids, sanitary products and potable water in a variety of transfer applications. The hose is manufactured using polished stainless steel mandrels for an ultra-smooth, bacteria-free tube that will not impart taste or odor, and is resistant to abrasion. The lightweight construction incorporates a thick tube for abrasion resistance. The dual wire helix provides full suction capability, kink resistance and a path to conduct a static electrical charge to ground. The natural rubber cover is resistant to abrasion, mild chemicals and ozone.

**Tube:** White natural rubber  
**Reinforcement:** Multiple textile plies with dual wire helix  
**Cover:** Gray natural rubber; wrapped finish  
**Temp. Range:** -20°F to +180°F (-29°C to +82°C)  
**Brand Method:** Gray text on blue stripe  
**Brand Example:** PARKER SERIES SW431 FLOUR HOSE MEETS FDA/3-A/USDA/PMO REQUIREMENTS (3-A LOGO) 100 PSI WP MADE IN USA

**Design Factor:** 4:1  
**Industry Standards:** FDA, PMO, USDA, 3-A

**Applications:**

- Flour, dry abrasive materials, grains, granules, pellets, powders, sugar
- Non-fatty and non-oily foods, liquids, milk, potable water, sanitary products
- In-plant and tank transfer, delivery, transport

**Vacuum:** Full  
**Packaging:** Coils

Part Number	ID (in)	ID (mm)	Reinf Plies	OD (in)	OD (mm)	Approx Wt (lbs/ft)	Approx Wt (kg/ft)	Min Bend Rad (in)	Min Bend Rad (mm)	Max Rec WP (psi)	Max Rec WP (bar)	Perm Cplg Rec *	Std Pack Qty (ft)	Stock Status **
SW431-4000	4	101.6	2	4.750	120.7	3.04	1.38	14.0	355.6	100	6.9	*	100	N
SW431-5000	5	127.0	2	5.750	146.1	3.90	1.77	20.0	508.0	100	6.9	*	100	Y

\* **Couplings:** Refer to CrimpSource at [www.safehose.com](http://www.safehose.com) for coupling recommendations and crimp specifications.

\*\* **Stock:** "Y" indicates stocked item; "N" indicates non-stocked item. Stock status subject to change. Contact Parker Customer Service.

**⚠ WARNING!** Couplings attached with bands or clamps may reduce the working pressure of the hose assembly to less than the maximum rated working pressure of the hose. Refer to the [NAHAD Industrial Hose Assembly Guidelines](#).



# Food Discharge Hose

## Natural Rubber Tube

### FDA, PMO, USDA, 3-A

#### Series SS231

Series SS231 is a medium pressure discharge hose designed to handle dry abrasive materials such as grains, granules, pellets and powders; and non-fatty and non-oily foods, liquids, sanitary products and potable water in a variety of transfer applications. The hose is manufactured using polished stainless steel mandrels for an ultra-smooth, bacteria-free tube that will not impart taste or odor, and is resistant to abrasion. The natural rubber cover is resistant to abrasion, mild chemicals and ozone. Series SS231 incorporates dual static wires to conduct an electrical charge to ground.

- Tube:** White natural rubber
- Reinforcement:** Multiple textile plies with dual static wires
- Cover:** Gray natural rubber; wrapped finish
- Temp. Range:** -40°F to +150°F (-40°C to +66°C)
- Brand Method:** Gray text on blue stripe
- Brand Example:** PARKER SERIES SS231 FOOD GRADE DISCHARGE 1/4" TUBE XXX PSI WP MADE IN USA
- Design Factor:** 4:1
- Industry Standards:** FDA, PMO, USDA, 3-A
- Applications:**
  - Dry abrasive materials, flour, grains, granules, pellets, powders, sugar
  - Non-fatty and non-oily foods, liquids, milk, potable water, sanitary products
  - In-plant and tank transfer, delivery, transport
- Vacuum:** Not recommended
- Packaging:** Coils

Part Number	ID (in)	ID (mm)	Reinf Plies	OD (in)	OD (mm)	Approx Wt (lbs/ft)	Approx Wt (kg/ft)	Max Rec WP (psi)	Max Rec WP (bar)	Perm Cplg Rec *	Std Pack Qty (ft)	Stock Status **
SS231-2000	2	50.8	2	2.844	72.2	1.60	0.73	200	13.8	*	100	N
SS231-2500	2-1/2	63.5	2	3.344	84.9	1.92	0.87	200	13.8	*	100	N
SS231-3000	3	76.2	2	3.844	97.6	2.23	1.01	140	9.7	*	100	N
SS231-4000	4	101.6	2	4.844	123.0	2.88	1.31	120	8.3	*	100	Y
SS231-6000	6	152.4	2	6.844	173.8	4.27	1.94	110	7.6	*	100	N

\* **Couplings:** Refer to CrimpSource at [www.safehose.com](http://www.safehose.com) for coupling recommendations and crimp specifications.

\*\* **Stock:** "Y" indicates stocked item; "N" indicates non-stocked item. Stock status subject to change. Contact Parker Customer Service.

**⚠ WARNING!** Couplings attached with bands or clamps may reduce the working pressure of the hose assembly to less than the maximum rated working pressure of the hose. Refer to the [NAHAD Industrial Hose Assembly Guidelines](#).





# Food Suction / Hot Air Blower Hose EPDM Tube

**FDA, PMO, USDA, 3-A**

Series SW319

Series SW319 is a high temperature hot air blower hose designed to load/unload dry materials in plants or from transport vehicles. SW319 is also a suction and discharge hose designed to handle dry abrasive materials such as grains, granules, pellets and powders, non-fatty and non-oily foods, liquids, sanitary products and potable water in a variety of food transfer applications. The hose is manufactured using polished stainless steel mandrels for an ultra-smooth, bacteria-free tube that will not impart taste or odor, and is resistant to abrasion. The lightweight construction incorporates a dual wire helix that provides full suction capability, kink resistance and a path to conduct a static electrical charge to ground. The EPDM cover is resistant to abrasion, mild chemicals and ozone.

- Tube:** White EPDM
- Reinforcement:** Multiple textile plies with dual wire helix
- Cover:** Gray EPDM; wrapped finish
- Temp. Range:** -20°F to +325°F [+350°F intermittent]  
(-29°C to +163°C [+177°C intermittent])
- Brand Method:** Yellow text on blue stripe
- Brand Example:** PARKER SERIES SW319 EPDM FOOD GRADE SUCTION / HOT AIR BLOWER HOSE MEETS FDA/3-A/USDA/PMO REQUIREMENTS (3-A LOGO) XXX PSI WP MADE IN USA
- Design Factor:** 4:1
- Industry Standards:** FDA, PMO, USDA, 3-A
- Applications:**
  - Dry abrasive materials, flour, grains, granules, pellets, powders, sugar
  - Non-oily foods, liquids, milk, potable water, sanitary products
  - Hot air blower systems
  - In-plant and tank transfer, delivery, transport
- Vacuum:** Full
- Packaging:** Coils

Part Number	ID (in)	ID (mm)	Reinf Plies	OD (in)	OD (mm)	Approx Wt (lbs/ft)	Approx Wt (kg/ft)	Min Bend Rad (in)	Min Bend Rad (mm)	Max Rec WP (psi)	Max Rec WP (bar)	Perm Cplg Rec *	Std Pack Qty (ft)	Stock Status **
SW319-1250	1-1/4	31.8	2	1.813	46.0	0.75	0.34	5.0	127.0	250	17.2	*	100	N
SW319-1500	1-1/2	38.1	2	2.063	52.4	0.86	0.39	6.0	152.4	250	17.2	*	100	N
SW319-2000	2	50.8	2	2.625	66.7	1.27	0.58	7.0	177.8	200	13.8	*	100	N
SW319-2500	2-1/2	63.5	2	3.188	81.0	1.75	0.79	10.0	254.0	200	13.8	*	100	N
SW319-3000	3	76.2	2	3.688	93.7	2.25	1.02	12.0	304.8	150	10.3	*	100	N

\* **Couplings:** Refer to CrimpSource at [www.safehose.com](http://www.safehose.com) for coupling recommendations and crimp specifications.

\*\* **Stock:** "Y" indicates stocked item; "N" indicates non-stocked item. Stock status subject to change. Contact Parker Customer Service.

**⚠ WARNING!** Couplings attached with bands or clamps may reduce the working pressure of the hose assembly to less than the maximum rated working pressure of the hose. [Refer to the NAHAD Industrial Hose Assembly Guidelines.](#)



# EXACT-CHEM™

## Modified XLPE Chemical and Food Suction Hose

### FDA, USDA, 3-A

### Series SW383

Series SW383 is a high pressure, high temperature suction and discharge hose designed to handle many commonly used acids, chemicals and solvents. The hose construction incorporates a modified cross-linked polyethylene (MXLPE) tube that features a temperature rating to 180°F (82°C), meets FDA, USDA and 3-A requirements, and will not leach into and contaminate the product being conveyed. The dual wire helix provides full suction capability, kink resistance and a path to conduct a static electrical charge to ground, and is suitable for use with internally expanded couplings. The cover is resistant to abrasion, mild chemicals and ozone.

**NOTE:** Refer to the [Safety and Technical](#) section of this catalog for safety, handling and use information. Refer to the [Chemical Guide](#) section of this catalog to determine compatibility with specific chemicals. Contact Parker for additional chemical compatibility information.

<b>Tube:</b>	Tan modified cross-linked polyethylene (MXLPE)
<b>Reinforcement:</b>	Multiple textile plies with dual wire helix
<b>Cover:</b>	Blue EPDM; wrapped finish
<b>Temp. Range:</b>	-40°F to +180°F (-40°C to +82°C)
<b>Brand Method:</b>	Blue text on yellow stripe
<b>Brand Example:</b>	PARKER SERIES SW383 EXACT-CHEM™ MOD X-LINK HOSE XXX PSI WP MADE IN USA
<b>Design Factor:</b>	4:1
<b>Industry Standards:</b>	FDA, USDA, 3-A
<b>Applications:</b>	<ul style="list-style-type: none"> <li>• Acid, chemicals, solvents</li> <li>• Non-fatty and non-oily foods and liquids, potable water, sanitary products</li> <li>• In-plant and tank transfer, delivery, transport</li> </ul>
<b>Vacuum:</b>	Full
<b>Compare to:</b>	Boston Panther Chemical Transfer; Gates Mustang 45HW; Veyance Blue Flexwing
<b>Packaging:</b>	Coils

(Continued on the following page)

#### ⚠️ WARNINGS!

- ▶ It is the responsibility of the user to determine if the hose is suitable for the application. Most chemical resistance guides are based on temperatures of 70°F (21°C). Elevated temperatures can change the chemical resistance ratings. Many chemicals will become more aggressive as temperatures increase, reducing the ability of hose compounds to withstand them. Contact Parker for chemical compatibility data at elevated temperatures. If no data exists, users are required to perform compatibility testing at the desired temperature.
- ▶ At operating temperatures of 125°F and above, only permanently attached couplings should be installed. At any operating temperature, couplings attached with bands or clamps may reduce the working pressure of the hose assembly to less than the maximum rated working pressure of the hose. Refer to the [NAHAD Industrial Hose Assembly Guidelines](#).

## Series SW383 – EXACT-CHEM™ Modified XLPE Chemical Hose (Continued)

Part Number	ID (in)	ID (mm)	Reinf Plies	OD (in)	OD (mm)	Approx Wt (lbs/ft)	Approx Wt (kg/ft)	Min Bend Rad (in)	Min Bend Rad (mm)	Max Rec WP (psi)	Max Rec WP (bar)	Perm Cplg Rec *	Std Pack Qty (ft)	Stock Status **
SW383-1000	1	25.4	2	1.500	38.1	0.56	0.25	6.0	152.4	200	13.8	*	100	N
SW383-1250	1-1/4	31.8	2	1.750	44.5	0.68	0.31	8.0	203.2	200	13.8	*	100	N
SW383-1500	1-1/2	38.1	2	2.000	50.8	0.77	0.35	9.0	228.6	200	13.8	*	100	N
SW383-2000	2	50.8	2	2.531	64.3	1.08	0.49	12.0	304.8	200	13.8	*	100	Y
SW383-3000	3	76.2	2	3.656	92.9	2.02	0.92	18.0	457.2	150	10.3	*	100	Y
SW383-4000	4	101.6	2	4.719	119.9	3.03	1.37	28.0	711.2	150	10.3	*	100	Y
SW383-6000	6	152.4	2	6.813	173.0	5.90	2.68	42.0	1066.8	150	10.3	*	100	Y

\* **Couplings:** Refer to CrimpSource at [www.safehose.com](http://www.safehose.com) for coupling recommendations and crimp specifications.

\*\* **Stock:** “Y” indicates stocked item; “N” indicates non-stocked item. Stock status subject to change. Contact Parker Customer Service.



# FEP Chemical and Food Suction Hose

## FDA, USDA, 3-A

### Series SW373

Series SW373 is a premium quality, high pressure, high temperature suction and discharge hose designed to handle approximately 99.5% of commonly used acids, chemicals and solvents, as well as food and sanitary materials. The fluorinated ethylene propylene (FEP) tube meets FDA, USDA and 3-A requirements, will not leach into and contaminate the product being conveyed, and features a temperature rating to 300°F (149°C). The hose construction incorporates a dual wire helix that provides full suction capability, kink resistance and a path to conduct a static electrical charge to ground. The cover is resistant to abrasion, mild chemicals and ozone.

**NOTE:** Refer to the [Safety and Technical](#) section of this catalog for safety, handling and use information. Refer to the [Chemical Guide](#) section of this catalog to determine compatibility with specific chemicals. Contact Parker for additional chemical compatibility information.

<b>Tube:</b>	White fluorinated ethylene propylene (FEP)
<b>Reinforcement:</b>	Multiple textile plies with dual wire helix
<b>Cover:</b>	Yellow EPDM; wrapped finish
<b>Temp. Range:</b>	-40°F to +300°F (-40°C to +149°C)
<b>Brand Method:</b>	Yellow text on red stripe
<b>Brand Example:</b>	PARKER SERIES SW373 FEP HOSE MEETS FDA, 3-A & USDA REQUIREMENTS XXX PSI WP MADE IN USA
<b>Design Factor:</b>	4:1
<b>Industry Standards:</b>	FDA, USDA, 3-A
<b>Applications:</b>	<ul style="list-style-type: none"> <li>• Non-fatty and non-oily foods and liquids, potable water, sanitary products</li> <li>• Acids, chemicals, solvents</li> <li>• In-plant and tank transfer, delivery, transport</li> </ul>
<b>Vacuum:</b>	Full
<b>Packaging:</b>	Coils

(Continued on the following page)

#### ⚠ WARNINGS!

- ▶ It is the responsibility of the user to determine if the hose is suitable for the application. Most chemical resistance guides are based on temperatures of 70°F (21°C). Elevated temperatures can change the chemical resistance ratings. Many chemicals will become more aggressive as temperatures increase, reducing the ability of hose compounds to withstand them. Contact Parker for chemical compatibility data at elevated temperatures. If no data exists, users are required to perform compatibility testing at the desired temperature.
- ▶ At operating temperatures of 125°F (52°C) and above, only permanently attached couplings should be installed. At any operating temperature, couplings attached with bands or clamps may reduce the working pressure of the hose assembly to less than the maximum rated working pressure of the hose. Refer to the [NAHAD Industrial Hose Assembly Guidelines](#).
- ▶ Do not use with internally expanded couplings. Refer to chemical hoses that incorporate a MXLPE tube.

## Series SW373 – FEP Chemical and Food Suction Hose (Continued)

Part Number	ID (in)	ID (mm)	Reinf Plies	OD (in)	OD (mm)	Approx Wt (lbs/ft)	Approx Wt (kg/ft)	Min Bend Rad (in)	Min Bend Rad (mm)	Max Rec WP (psi)	Max Rec WP (bar)	Perm Cplg Rec *	Std Pack Qty (ft)	Stock Status **
SW373-500	1/2	12.7	2	0.969	24.6	0.37	0.17	7.0	177.8	500	34.5	*	100	N
SW373-750	3/4	19.1	2	1.250	31.8	0.55	0.25	8.0	203.2	500	34.5	*	100	N
SW373-1000	1	25.4	2	1.531	38.9	0.69	0.31	9.0	228.6	400	27.6	*	100	N
SW373-1250	1-1/4	31.8	2	1.750	44.5	0.75	0.34	11.0	279.4	375	25.9	*	100	N
SW373-1500	1-1/2	38.1	2	2.125	54.0	1.11	0.50	12.0	304.8	350	24.1	*	100	N
SW373-2000	2	50.8	2	2.688	68.3	1.57	0.71	16.0	406.4	300	20.7	*	100	N
SW373-3000	3	76.2	4	3.875	98.4	2.86	1.30	30.0	762.0	200	13.8	*	100	N
SW373-4000	4	101.6	4	5.000	127.0	4.28	1.94	42.0	1066.8	150	10.3	*	100	N

\* **Couplings:** Refer to CrimpSource at [www.safehose.com](http://www.safehose.com) for coupling recommendations and crimp specifications.

\*\* **Stock:** “Y” indicates stocked item; “N” indicates non-stocked item. Stock status subject to change. Contact Parker Customer Service.



# TITANFLEX®

## FEP Chemical and Food Suction Hose

### FDA, USDA, 3-A

#### Series SW574

Series SW574 is a flexible, lightweight, premium quality suction and discharge hose designed for use in high temperature, high pressure chemical and purity applications. The fluorinated ethylene propylene (FEP) tube is compatible with 99.5% of commonly used chemicals and solvents, as well as food, pharmaceutical and sanitary materials. The tube also has an elevated temperature rating of 300°F (149°C), will not leach into and contaminate the product being conveyed, and meets FDA, USDA and 3-A requirements. The special construction incorporates a dual wire helix that provides full suction capability, superior force-to-bend and kink resistance and a path to conduct a static electrical charge to ground. The EPDM cover is resistant to abrasion, mild chemicals and ozone.

**NOTE:** Refer to the [Safety and Technical section](#) of this catalog for safety, handling and use information. Refer to the [Chemical Guide section](#) of this catalog to determine compatibility with specific chemicals. Contact Parker for additional chemical compatibility information.

<b>Tube:</b>	White fluorinated ethylene propylene (FEP)
<b>Reinforcement:</b>	Multiple textile plies with dual wire helix
<b>Cover:</b>	Blue EPDM; wrapped finish
<b>Temp. Range:</b>	-40°F to +300°F (-40°C to +149°C)
<b>Brand Method:</b>	Red text on yellow stripe
<b>Brand Example:</b>	PARKER SERIES SW574 TITANFLEX® FEP CHEMICAL/FOOD QUALITY HOSE XXX PSI MEETS FDA/3-A/USDA REQUIREMENTS (3-A LOGO) MADE IN USA
<b>Design Factor:</b>	4:1
<b>Industry Standards:</b>	FDA, USDA, 3-A
<b>Applications:</b>	<ul style="list-style-type: none"> <li>• Non-fatty and non-oily foods and liquids, potable water, sanitary products</li> <li>• Acids, chemicals, solvents</li> <li>• In-plant and tank transfer, delivery, transport</li> </ul>
<b>Vacuum:</b>	Full
<b>Packaging:</b>	Coils

(Continued on the following page)

#### ⚠️ WARNINGS!

- ▶ It is the responsibility of the user to determine if the hose is suitable for the application. Most chemical resistance guides are based on temperatures of 70°F (21°C). Elevated temperatures can change the chemical resistance ratings. Many chemicals will become more aggressive as temperatures increase, reducing the ability of hose compounds to withstand them. Contact Parker for chemical compatibility data at elevated temperatures. If no data exists, users are required to perform compatibility testing at the desired temperature.
- ▶ At operating temperatures of 125°F (52°C) and above, only permanently attached couplings should be installed. At any operating temperature, couplings attached with bands or clamps may reduce the working pressure of the hose assembly to less than the maximum rated working pressure of the hose. Refer to the [NAHAD Industrial Hose Assembly Guidelines](#).
- ▶ Do not use with internally expanded couplings. Refer to chemical hoses that incorporate a MXLPE tube.

## Series SW574 – Titanflex® FEP Chemical and Food Suction Hose (Continued)

Part Number	ID (in)	ID (mm)	Reinf Plies	OD (in)	OD (mm)	Approx Wt (lbs/ft)	Approx Wt (kg/ft)	Min Bend Rad (in)	Min Bend Rad (mm)	Max Rec WP (psi)	Max Rec WP (bar)	Perm Cplg Rec *	Std Pack Qty (ft)	Stock Status **
<b>SW574-750</b>	3/4	19.1	2	1.281	32.5	0.48	0.22	2.0	50.8	400	27.6	*	100	N
<b>SW574-1000</b>	1	25.4	2	1.469	37.3	0.52	0.24	2.5	63.5	400	27.6	*	100	N
<b>SW574-1500</b>	1-1/2	38.1	2	2.031	51.6	0.81	0.37	4.0	101.6	300	20.7	*	100	N
<b>SW574-2000</b>	2	50.8	2	2.531	64.3	1.11	0.50	6.5	165.1	300	20.7	*	100	N
<b>SW574-3000</b>	3	76.2	2	3.688	93.7	2.17	0.98	12.0	304.8	200	13.8	*	100	N
<b>SW574-4000</b>	4	101.6	2	4.688	119.1	3.03	1.37	18.0	457.2	200	13.8	*	100	N

\* **Couplings:** Refer to CrimpSource at [www.safehose.com](http://www.safehose.com) for coupling recommendations and crimp specifications.

\*\* **Stock:** “Y” indicates stocked item; “N” indicates non-stocked item. Stock status subject to change. Contact Parker Customer Service.



# TITANFLEX®

## Corrugated Chemical and Food Suction Hose

### UHMWPE Tube

### FDA, USDA, 3-A

### Series SWC693

Series SWC693 is an extremely flexible, high pressure, high temperature suction and discharge hose designed to handle approximately 98% of commonly used acids, chemicals and solvents as well as food, pharmaceutical and sanitary materials. The hose is manufactured using polished stainless steel mandrels for an ultra-smooth tube that will not impart taste or odor. The ultra high molecular weight polyethylene (UHMWPE) tube meets FDA, USDA and 3-A requirements and will not leach into and contaminate the product being conveyed. The lightweight corrugated hose construction incorporates a dual wire helix that provides full suction capability, superior kink resistance, minimal force-to bend and a path to conduct a static electrical charge to ground. The cover is resistant to abrasion, mild chemicals and ozone.

**NOTE:** Refer to the [Safety and Technical section](#) of this catalog for safety, handling and use information. Refer to the [Chemical Guide section](#) of this catalog to determine compatibility with specific chemicals. Contact Parker for additional chemical compatibility information.

<b>Tube:</b>	Translucent ultra high molecular weight polyethylene (UHMWPE)
<b>Reinforcement:</b>	Multiple textile plies with dual wire helix
<b>Cover:</b>	Green EPDM; corrugated wrapped finish
<b>Temp. Range:</b>	-40°F to +250°F (-40°C to +121°C)
<b>Brand Method:</b>	Black text on yellow stripe
<b>Brand Example:</b>	PARKER SERIES SWC693 TITANFLEX® UHMWPE CHEMICAL SUCTION HOSE XXX PSI MEETS FDA MADE IN USA
<b>Design Factor:</b>	4:1
<b>Industry Standards:</b>	FDA, USDA, 3-A
<b>Applications:</b>	<ul style="list-style-type: none"> <li>• Non-fatty and non-oily foods and liquids, potable water, sanitary products</li> <li>• Acids, chemicals, solvents</li> <li>• In-plant and tank transfer, delivery, transport</li> </ul>
<b>Vacuum:</b>	Full
<b>Packaging:</b>	Coils

(Continued on the following page)

#### ⚠️ WARNINGS!

- ▶ It is the responsibility of the user to determine if the hose is suitable for the application. Most chemical resistance guides are based on temperatures of 70°F (21°C). Elevated temperatures can change the chemical resistance ratings. Many chemicals will become more aggressive as temperatures increase, reducing the ability of hose compounds to withstand them. Contact Parker for chemical compatibility data at elevated temperatures. If no data exists, users are required to perform compatibility testing at the desired temperature.
- ▶ At operating temperatures of 125°F (52°C) and above, only permanently attached couplings should be installed. At any operating temperature, couplings attached with bands or clamps may reduce the working pressure of the hose assembly to less than the maximum rated working pressure of the hose. Refer to the [NAHAD Industrial Hose Assembly Guidelines](#).
- ▶ Do not use with internally expanded couplings. Refer to chemical hoses that incorporate a MXLPE tube.



## Series SWC693 – Titanflex® Corrugated Chemical and Food Suction Hose (Continued)

Part Number	ID (in)	ID (mm)	Reinf Plies	OD (in)	OD (mm)	Approx Wt (lbs/ft)	Approx Wt (kg/ft)	Min Bend Rad (in)	Min Bend Rad (mm)	Max Rec WP (psi)	Max Rec WP (bar)	Perm Cplg Rec *	Std Pack Qty (ft)	Stock Status **
<b>SWC693-1000</b>	1	25.4	2	1.375	34.9	0.38	0.17	1.0	25.4	250	17.2	HAPS	100	Y
<b>SWC693-1250</b>	1-1/4	31.8	2	1.625	41.3	0.48	0.22	1.3	33.0	250	17.2	*	100	N
<b>SWC693-1500</b>	1-1/2	38.1	2	1.875	47.8	0.62	0.28	1.5	38.1	250	17.2	HAPS	100	N
<b>SWC693-2000</b>	2	50.8	2	2.438	61.9	0.93	0.42	2.0	50.8	250	17.2	HAPS	100	Y
<b>SWC693-3000</b>	3	76.2	2	3.438	87.3	1.45	0.66	4.5	114.3	200	13.8	*	100	Y
<b>SWC693-4000</b>	4	101.6	2	4.500	114.3	2.17	0.98	8.0	203.2	200	13.8	*	100	Y

\* **Couplings:** Refer to CrimpSource at [www.safehose.com](http://www.safehose.com) for coupling recommendations and crimp specifications.

\*\* **Stock:** “Y” indicates stocked item; “N” indicates non-stocked item. Stock status subject to change. Contact Parker Customer Service.

**NOTES:**

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